

AMENDMENTS TO THE CLAIMS

The listing of claims below replaces all prior versions of claims in this application.

1. (Currently Amended) A traction drive power transmission device comprising:

at least one driving roller;

a driven roller;

a cylindrical shaft, wherein the shaft is held between the driving roller and the driven roller and rotational force of the driving roller is transmitted to the shaft by rotating the driving roller so as to move the shaft in an axial direction, and wherein a section, perpendicular to the axial direction of the shaft, of a face of said driving roller facing said shaft is in a shape of a line composed of a plurality of arcs, said driving roller being in contact with the surface of said shaft at a midpoint of each of said arcs, and a section, perpendicular to the axial direction of the shaft, of a face of said driven roller facing said shaft is in a shape of a line composed of a single arc;
and

a lubricator having applicators which ~~contact only axial~~ apply lubricant only to portions of a surface of the shaft that are contacted by the driving roller and the driven roller to apply lubricant to said axial portions,

wherein said lubricator has an opening which is formed in a side of said lubricator to open both in the axial direction of said shaft and in a direction perpendicular to said axial direction, and which said opening has such a shape and a size width in the direction

perpendicular to said axial direction as to enable said shaft to be inserted into and removed from said opening in the direction perpendicular to said axial direction without being interfered,~~and wherein said lubricator is allowed to be attached to and detached from said shaft through said opening in a direction perpendicular to the axial direction of said shaft.~~

2. (Previously Presented) A traction drive power transmission device as claimed in claim 1, wherein said lubricator comprises

a reservoir which absorbs and stores lubricant and supplies the lubricant to said applicators; and

a casing which accommodates the applicators and the reservoir.

3. (Previously Presented) A traction drive power transmission device as claimed in claim 2, wherein

said casing comprises a concave portion which allows said casing to be attached to and detached from said shaft in a direction perpendicular to the axial direction of said shaft and said applicators are disposed such that ends of the applicators project from a face, opposed to the shaft, of the concave portion.

4. (Previously Presented) A traction drive power transmission device as claimed in claim 3, further comprising:

a housing box,

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wherein said driving roller and said driven roller are accommodated in the housing box, said shaft penetrates and extends from both ends of the housing box, said casing of the lubricator is attached to an end face of the housing box where the shaft penetrates.

5. (Cancelled)